



SWARC NEWS

Notes from KK4BK

Last year at this time, I challenged you to “do something different” with your HAM radio operating.

Covid came along and squashed some of that for you but opened opportunities in other ways. I used the opportunity of being locked down to work all the state QSO Parties from end of March on.

Because I was working the QSO Parties – I took the opportunity to do them all as CW. I am 4 states shy of WAS in CW this year. But I tried.

I did as I said last year. I worked a mode that was foreign to me. Will I say im as good as you “Know Code” folks. Nope. But I will say I have over 250 CONFIRMED QSO’s. So – I made it thru the year.

I like the path I have started, where I do something for the year. Tech, General. Then Extra. A year of Digital mode. Last year CW. Next year – local comms.

That can be easy, or hard depending on how you do it. If you have ideas on things I should try to figure out – let me know.

Hopefully in 2021, we can get back to In-Person meetings.
SWARC de KK4BK

Notes from K7RLH

Hello fellow SWARC members,

Does anyone have a spare Windows 10 laptop lying around that you might be willing to donate for use in 'free' testing activities sponsored by FCHRE and Laurel VEC? I am an Assistant Team Leader for Laurel VEC and we are trying to have more than one site available for testing and one potential new venue would be our meeting place at American Legion Post 116 in Fuquay-Varina.

It does not matter if it is an older machine (speed or memory wise) as long as it can handle our Session Manager software, an email program and Windows 10. In addition, printers that are excess to your needs would also be appreciated. If we must fix a machine/printer to meet the requirements, we will consider doing that.

Let me know if you have either a printer or laptop so that we can pursue offering testing at Post 116 in the future. This could be an adjunct to our regular meetings such as other clubs sometimes offer.

73, Richard – K7RLH

Meeting Notes

SWARC 7December Meeting Minutes

The meeting was called to order on-the-web at 7:00 pm by President Brian Knox, KK4BK. We were once again social distancing via Zoom from the comfort of our homes.

Eighteen (18) attendees were present during the course of the meeting including:

Richard Hall (K7RLH), Brian Knox (KK4BK), Mike Callam (KD4MC), Bill Blomgren (KK4QDZ), Andy McDaniel (KN4JJU), Al Crawford (WA4TCJ), Linda Crawford (KI4LO), Steve Mowels (KA0GMY), Mike Ramsey (KD4OKR), Ken Castille (KN4GUS), Steven Suzanne (KO4BHS), Ron Cooney from Texas (K4AAA), Manny Garcia (KB4NC), Bernie Jones (N4BAJ), Dave Yow (K4MSE), Dave Krum (NW3U), Richard Akelewicz (K4END), Mauricio Castro (KB1ATD).

Bernie led the pledge of allegiance with the group. We've done better in the past in terms of our over-the-internet pledge synchronicity, but we sounded great nonetheless!

Brian led a silent reflection on National Pearl Harbor Remembrance Day.

New Business:

Financial Report – Christine Fernandini (KJ4AEO) provided the November 2020 financial report shortly after the meeting. In summary the club enjoyed \$315.00 in additions from dues – thank you members! \$125.00 in reductions for the month went out for the Ham of the Year award and NC QSO sponsorships. As of December 7, 2020 the club's account balance is \$1,659.91.

HAM of the Year Award – Congratulations to Kenny Southern (KJ4CVK) for winning the SWARC HAM of the Year Award! The award winner was announced by Steve Mowels who led the applause for Kenny who for so many years has supported the club in so many ways. This year Kenny initiated the noontime Geezer and Geezerette Net which is hugely popular and regularly surpasses all other area nets in the number of check-ins. Kenny calls a number of evening SWARC nets in a given week and can always be counted on as a substitute net control when the need arises. The club is honored to gift Kenny with his well-deserved \$75 prize.

North Carolina QSO Party – scheduled for 10 am to 8 pm EST on February 28, 2021. Brian announced that SWARC will once again this year be a primary sponsor of the Single-Op / In-State / Phone (Low Power) award winner.

December Holiday Social:

Oh, how we wish we could have been enjoying a delicious holiday meeting pot luck dinner and seeing everyone's smiling faces in person! But its 2020 and we all know that means we need to keep a safe distance so we can all look forward to be together soon in 2021. After all *"We're a social club with a radio problem"* and we want everyone to be safe to enjoy this and many future holiday seasons. The remaining portion of the meeting was an open social with, as you might imagine, lots of stories, good natured ribbing, and overall great fellowship.

Al Crawford introduced Mauricio Castro (KB1ATD) who recently moved to the area and is getting back into HAM radio. Mauricio is a General licensee and an owner of an aviation company. Welcome Mauricio and we hope to see you at many meetings in the future!

Of all the stories told during this Monday night Holiday meeting by far my favorite was Mike Callam's advice for how to gift yourself HAM radio equipment this holiday season while still maintaining good graces with the XYL. Mike's advice is to order your equipment online and have it mailed to your off site office location. Then after keeping the equipment at your office for a month or so, bring it home and tuck it away in a minimally used closet. If necessary, relocate your new, but now not so new, HAM radio equipment to other secluded locations around the house. Then finally, after several months have passed from your initial online order, set the equipment up in your shack and enjoy. When the XYL sees the 'new' equipment in the shack and asks "how long have you had that?!?", you can tell her with complete honesty and a clear conscience that you "got it a while ago". Brilliant advice Mike!!!

Brian concluded the meeting at 7:54pm.

Merry Christmas and Happy Holidays!

73, Andy McDaniel – KN4JJU - Secretary

South Wake Amateur Radio Club

Treasurer Report July 2020

South Wake Amateur Radio Club Treasurer Report November 2020

Club Addition and Reduction Activity

Additions

Dues	25.00	ck# 3912	Jim Young (K9RII)
Dues	30.00	ck# 7006	Mark Perkins (NC4MP)
Dues	30.00	ck# 1268	Ronald or Sharon Cooney (no call sign)
Dues	30.00	ck# 6298	Cecil Byrd (KM4ARS)
Dues	30.00	ck# 4957	Charley Bratton (KE4QBW)
Dues	30.00	ck# 8417	Gary Rogers (WA4YMZ)
Dues	35.00	ck# 4081	Michael (KD4MC) and Velda (K4VJC)
Dues	22.50	ck# 2042	Steven Suzanne Jr (KO4BHS)
Dues	22.50	ck# 8206	Andy Grubbs (KN4EVB)
Dues	30.00	ck# 1538	Pete Perniciaro (KM4QDX)
Dues	30.00	ck# 3995	John Paul Keon (AB4PP)

Total Additions 315.00

Reductions

Kenneth Southern	75.00	ck# 1695	Ham of the Year KJ4CVK
NCQP 2021	50.00	ck# 1696	NCQSO Party Sponsorship

Total Reductions 125.00

Bank Account Activity

Balance as of 11/02/2020	1469.91		
Addition	315.00		
Reduction	125.00		

Balance as of 12/07/2020 1659.91

Christine Fernandini KJ4AEO 12/07/2020

MEMBERSHIP

Just a reminder that it is that time again to pay membership dues.

\$30 for individual and \$5 for each family member.

You can bring a check or cash to the next meeting or mail them to the club PO box and Christy will let me know she has received them so I can update the list. If you mail them, give me a heads up so I can mark it as pending on the roster.

Makes checks payable to South Wake ARC.

If you are going to mail it, send it to South Wake ARC – PO Box 1565 – Fuquay Varina, NC 27526

I will be developing an online form so new members can fill out the application online and mail or bring a check to a meeting.

I will be reaching out to all members here soon to make sure I have the latest contact information, addresses, etc so I can make sure the membership list reflects current information.

Thanks

Ryan Avery

NC4RA

rwavery@charter.net

NET REPORT

Hi to the SWARC Group

We had two individuals who can be referred to as net check in champs that is Bill, KK4QDZ and Al "The Cat Man", WA3JJG.

Look at those counts! Notice that we are only showing folks who have checked in more than once? Why did we do that?! Because there were 65 recorded check-in that came just once..

See you on the nets.

By Call Sign		By Call Sign		By Call Sign		By Date	
Callsign	Net Checkins	Callsign	Net Checkins	Callsign	Net Checkins	Date	Count
KK4QDZ	22	KO4HUL	6	KJ4VJL	2	11/1/2020	15
WA3JJG	19	KA0GMY	6	KB4NC	2	11/2/2020	15
KM4IJK	15	KT4JR	6	K3CON	2	11/3/2020	19
KN4OEY	15	kk4bvu	6	N4AED	2	11/4/2020	23
K7RLH	14	NC4MP	5	KN4GUS	2	11/7/2020	21
N4BAJ	14	KO4HMH	4	KM4GDU	2	11/8/2020	12
KJ4CVK	14	KI4LO	4	KD4OKR	2	11/9/2020	13
KD4MC	13	KE4RUN	4	KK4VOS	2	11/10/2020	13
KK4BK	12	KI4YII	4			11/11/2020	20
KI4RAN	11	AD5ZB	4			11/12/2020	7
KO4GOG	10	KN4OO	3			11/14/2020	17
KI4WAI	10	KE5OLM	3			11/15/2020	12
KN4JJU	10	KM4TC	3			11/16/2020	15
WA4TCJ	9	ke4qbw	3			11/17/2020	11
KG4JOK	9	KO4FUD	3			11/18/2020	18
KJ4WLG	8	WB4UFO	3			11/21/2020	17
KO4DHJ	8	KN4VTT	2			11/22/2020	13
N4NCK	7	KO4BHS	2			11/23/2020	32
						11/24/2020	22
						11/27/2020	18
						11/28/2020	21
						11/29/2020	11
						11/30/2020	8

Public Service

Check the RARS web site often for Public Service opportunities.

BOARD OF DIRECTORS

Appointed Positions

President

Brian Knox – KK4BK

Vice President

Richard Hall – K7RLH

Secretary

Andy McDaniel – KN4JJU

Treasurer

Christy Fernandini - KJ4AEO

Member-At-Large

Al Crawford –

WA4TCJ Member-At-

Large Bernie Jones –

N4BAJ Member-At-

Large

Mike Gaither –

K4MWG Membership

Chair Ryan Avery –

NC4RA

NET MANAGER

Steve – KA0GMY

Special Events Director

Gino Fernandini –KI4YXO

Public Service Director

David Krum – NW3U

SWARC Mission Statement

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of our members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.

LINKS (if you have other links you want added then send them to me)

PRN

A Wide Area Digital Amateur Radio Network www.ncprn.net

GigaParts www.gigaparts.com

QRZ www.qrz.com

Ham Radio Outlet HRO www.hamradio.com

Raleigh Amateur Radio Society RARS www.rars.org

Johnson Amateur Radio Society JARS www.jars.net

South Wake Amateur Radio Club SWARC www.southwakearc.com

There are events going on all the time: you got Islands on the Air (IOTA), and then there is working Light Houses, don't forget all the special events there is something new each week. Here is one for you

Mark, N4MQU is always setting up and working from different locations or likes to run different nets as the net control. See how many times you can work Mark in his different rolls during the week. If nothing else take your radio to the backyard and work some stations.

Just have fun.

ATTENTION

Our club is like other clubs we have a mixture of memberships. We have everything from young pre-teen members to those who are “Advanced Teens”. The point is - make sure to checking in on our older members to see if they could use any help.

Question of the month WHO HAVE YOU HELPED THIS MONTH?

ARRL News

FCC to Require Email Addresses on Applications

12/02/2020

Amateur radio licensees and candidates will have to provide the FCC with an email address on applications, effective sometime in mid-2021. If no email address is included, the FCC may dismiss the application as defective.

The FCC is fully transitioning to electronic correspondence and will no longer print or provide wireless licensees with hard-copy authorizations or registrations by mail.

A *Report and Order (R&O)* on “Completing the Transition to Electronic Filing, Licenses and Authorizations, and Correspondence in the Wireless Radio Services” in WT Docket 19-212 was adopted on September 16. The new rules will go into effect 6 months after publication in the *Federal Register*, which hasn’t happened yet, but the FCC is already strongly encouraging applicants to provide an email address. When an email address is provided, licensees will receive an official electronic copy of their licenses when the application is granted.

Under Section 97.21 of the new rules, a person holding a valid amateur station license “must apply to the FCC for a modification of the license grant as necessary to show the correct mailing and email address, licensee name, club name, license trustee name, or license custodian name.” For a club or military recreation station license, the application must be presented in document form to a club station call sign administrator who must submit the information to the FCC in an electronic batch file.

Under new Section 97.23, each license will have to show the grantee's correct name, mailing address, and email address. “The email address must be an address where the grantee can receive electronic correspondence,” the amended rule will state. “Revocation of the station license or suspension of the operator license may result when correspondence from the FCC is returned as undeliverable because the grantee failed to provide the correct email address.” <http://www.arrl.org/news/fcc-to-require-email-addresses-on-applications>

RadioShack Purchased by Online Retailer

11/30/2020

RadioShack® is back as an online retailer of electronics, offering some parts in its inventory that largely consists of radios, batteries, telephone gear, drones, computer accessories, and even cameras. The iconic company was recently purchased from General Wireless by Retail Ecommerce Ventures (REV).

No plans are in place to reopen RadioShack-owned stores, although some 400 brick-and-mortar outlets not affiliated with REV are operated by franchisees. REV, which specializes in online retail, has previously revamped the internet presence of such bankrupt businesses as Pier 1 Imports and Dressbarn, according to a news release.

During its heyday, RadioShack has some 8,000 retail outlets and once offered some amateur radio equipment, including some popular handheld transceivers and a 10-meter transceiver. RadioShack came out of its second bankruptcy in January 2018 with 400 dealers, an online retail presence, and a distribution center.

<http://www.arrl.org/news/radioshack-purchased-by-online-retailer>

Arecibo Observatory Instrument Platform Falls into Iconic Dish

12/01/2020

[UPDATED 2020-12-02 @1609 UTC] The 900-ton instrument platform of the 305-meter radio telescope at Arecibo Observatory in Puerto Rico fell some 400 feet Tuesday morning, crashing into the huge, already-damaged dish below, the National Science Foundation (NSF) reported in a December 1 Tweet. “No injuries were reported,” NSF said, adding that it is still assessing the situation. “Our top priority is maintaining safety.” The calamity not only was a final and fatal blow for the observatory but for the people of Puerto Rico.

Head of Telescope Operations Angel Vazquez, WP3R, called December 1 “indeed a sad day.” Vazquez was in the Observatory’s control room at the time, salvaging important instruments when he heard a loud noise.

“At around 7:55 AM, the platform collapsed due to the extra stress on the existing cables because of the main cable failure in November. <http://www.arrl.org/news/arecibo-observatory-instrument-platform-falls-into-iconic-dish>

New Antenna Physics Book from ARRL!

12/07/2020

Written to bridge the gap between basic theory and graduate-level engineering texts, the second edition of ***Antenna Physics: An Introduction*** includes new material to help you better understand the complexities of antenna theory. World-recognized antenna technology authority Robert J. Zavrel, Jr., W7SX, is your guide to grasping a deeper understanding of how antenna systems function. In this book, he clearly communicates the theory and the mathematics that form the foundations upon which all antenna designs depend.

Antenna Physics: An Introduction, 2nd ed, is available from the [ARRL Store](#) or your [ARRL Dealer](#). (ARRL Item no. 1359, ISBN: 978-1-62595-135-9, \$34.95 retail, special ARRL Member Price \$29.95). Call 860-594-0355 or, toll-free in the US, 888-277-5289. It will also be available for the Amazon Kindle. <http://www.arrl.org/news/new-antenna-physics-book-from-arrl>

Upcoming Contest <https://www.contestcalendar.com/contestcal.html>

December 2020

+ Worldwide Sideband Activity Contest	0100Z-0159Z, Dec 1
+ QCX Challenge	0300Z-0400Z, Dec 1
+ RTTYOPS Weeksprint	1700Z-1900Z, Dec 1
+ QRP Fox Hunt	0200Z-0330Z, Dec 2
+ Phone Fray	0230Z-0300Z, Dec 2
+ CWops Mini-CWT Test	1300Z-1400Z, Dec 2
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Dec 2
+ CWops Mini-CWT Test	1900Z-2000Z, Dec 2
+ QRP ARCI Topband Sprint	0000Z-0300Z, Dec 3
+ CWops Mini-CWT Test	0300Z-0400Z, Dec 3
+ RTTYOPS Weeksprint	1700Z-1900Z, Dec 3
+ NRAU 10m Activity Contest	1800Z-1900Z, Dec 3 (CW) and 1900Z-2000Z, Dec 3 (SSB) and 2000Z-2100Z, Dec 3 (FM) and 2100Z-2200Z, Dec 3 (Dig)
+ SKCC Sprint Europe	2000Z-2200Z, Dec 3
+ NCCC RTTY Sprint	0145Z-0215Z, Dec 4
+ QRP Fox Hunt	0200Z-0330Z, Dec 4
+ NCCC Sprint	0230Z-0300Z, Dec 4
+ ARRL 160-Meter Contest	2200Z, Dec 4 to 1600Z, Dec 6
+ UFT Meeting	0500Z-0800Z, Dec 5 and 1500Z-1800Z, Dec 5 and 0700Z-1000Z, Dec 6
+ Wake-Up! QRP Sprint	0600Z-0629Z, Dec 5 and 0630Z-0659Z, Dec 5 and 0700Z-0729Z, Dec 5 and 0730Z-0800Z, Dec 5
+ PRO CW Contest	1200Z, Dec 5 to 1159Z, Dec 6
+ RTTYOPS Weekend Sprint	1600Z-1959Z, Dec 5
+ FT Roundup	1800Z, Dec 5 to 2359Z, Dec 6
+ K1USN Slow Speed Test	0000Z-0100Z, Dec 7
+ OK1WC Memorial	1630Z-1729Z, Dec 7
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Dec 8
+ ARS Spartan Sprint	0200Z-0400Z, Dec 8
+ RTTYOPS Weeksprint	1700Z-1900Z, Dec 8
+ NAQCC CW Sprint	0130Z-0330Z, Dec 9
+ QRP Fox Hunt	0200Z-0330Z, Dec 9
+ Phone Fray	0230Z-0300Z, Dec 9
+ CWops Mini-CWT Test	1300Z-1400Z, Dec 9
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Dec 9
+ CWops Mini-CWT Test	1900Z-2000Z, Dec 9
+ CWops Mini-CWT Test	0300Z-0400Z, Dec 10
+ RTTYOPS Weeksprint	1700Z-1900Z, Dec 10
+ NCCC RTTY Sprint	0145Z-0215Z, Dec 11
+ QRP Fox Hunt	0200Z-0330Z, Dec 11
+ NCCC Sprint	0230Z-0300Z, Dec 11
+ PODXS 070 Club Triple Play Low Band Sprint	0000Z, Dec 12 to 2359Z, Dec 14

+ ARRL 10-Meter Contest	0000Z, Dec 12 to 2400Z, Dec 13
+ TRC Digi Contest	0600Z, Dec 12 to 1800Z, Dec 13
+ SKCC Weekend Sprintathon	1200Z, Dec 12 to 2400Z, Dec 13
+ ARI 40/80 Contest	1300Z, Dec 12 to 1300Z, Dec 13
+ RTTYOPS Weekend Sprint	1600Z-1959Z, Dec 12
+ International Naval Contest	1600Z, Dec 12 to 1559Z, Dec 13
+ QRP ARCI Holiday Spirits Homebrew Sprint	2000Z-2300Z, Dec 13
+ CQC Great Colorado Snowshoe Run	2100Z-2259Z, Dec 13
+ K1USN Slow Speed Test	0000Z-0100Z, Dec 14
+ 4 States QRP Group Second Sunday Sprint	0100Z-0300Z, Dec 14
+ OK1WC Memorial	1630Z-1729Z, Dec 14
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Dec 15
+ RTTYOPS Weeksprint	1700Z-1900Z, Dec 15
+ NAQCC CW Sprint	0130Z-0330Z, Dec 16
+ QRP Fox Hunt	0200Z-0330Z, Dec 16
+ Phone Fray	0230Z-0300Z, Dec 16
+ CWops Mini-CWT Test	1300Z-1400Z, Dec 16
+ CWops Mini-CWT Test	1900Z-2000Z, Dec 16
+ CWops Mini-CWT Test	0300Z-0400Z, Dec 17
+ RTTYOPS Weeksprint	1700Z-1900Z, Dec 17
+ NCCC RTTY Sprint	0145Z-0215Z, Dec 18
+ QRP Fox Hunt	0200Z-0330Z, Dec 18
+ NCCC Sprint	0230Z-0300Z, Dec 18
+ AGB-Party Contest	1600Z-1700Z, Dec 18
+ Russian 160-Meter Contest	2000Z-2400Z, Dec 18
+ RAC Winter Contest	0000Z-2359Z, Dec 19
+ Feld Hell Sprint	0000Z-2359Z, Dec 19
+ OK DX RTTY Contest	0000Z-2400Z, Dec 19
+ Padang DX Contest	1200Z, Dec 19 to 1159Z, Dec 20
+ Croatian CW Contest	1400Z, Dec 19 to 1400Z, Dec 20
+ RTTYOPS Weekend Sprint	1600Z-1959Z, Dec 19
+ ARRL Rookie Roundup, CW	1800Z-2359Z, Dec 20
+ Run for the Bacon QRP Contest	2300Z, Dec 20 to 0100Z, Dec 21
+ K1USN Slow Speed Test	0000Z-0100Z, Dec 21
+ OK1WC Memorial	1630Z-1729Z, Dec 21
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Dec 22
+ RTTYOPS Weeksprint	1700Z-1900Z, Dec 22
+ SKCC Sprint	0000Z-0200Z, Dec 23
+ Phone Fray	0230Z-0300Z, Dec 23
+ CWops Mini-CWT Test	1300Z-1400Z, Dec 23
+ CWops Mini-CWT Test	1900Z-2000Z, Dec 23
+ CWops Mini-CWT Test	0300Z-0400Z, Dec 24
+ RTTYOPS Weeksprint	1700Z-1900Z, Dec 24
+ NCCC RTTY Sprint	0145Z-0215Z, Dec 25
+ NCCC Sprint	0230Z-0300Z, Dec 25
+ Gedebage CW Contest	0000Z-2359Z, Dec 26
+ DARC Christmas Contest	0830Z-1059Z, Dec 26
+ Stew Perry Topband Challenge	1500Z, Dec 26 to 1500Z, Dec 27
+ RTTYOPS Weekend Sprint	1600Z-1959Z, Dec 26
+ RAEM Contest	0000Z-1159Z, Dec 27

+ K1USN Slow Speed Test	0000Z-0100Z, Dec 28
+ QCX Challenge	1300Z-1400Z, Dec 28
+ OK1WC Memorial	1630Z-1729Z, Dec 28
+ QCX Challenge	1900Z-2000Z, Dec 28
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Dec 29
+ QCX Challenge	0300Z-0400Z, Dec 29
+ RTTYOPS Weeksprint	1700Z-1900Z, Dec 29
+ QRP Fox Hunt	0200Z-0330Z, Dec 30
+ Phone Fray	0230Z-0300Z, Dec 30
+ CWops Mini-CWT Test	1300Z-1400Z, Dec 30
+ CWops Mini-CWT Test	1900Z-2000Z, Dec 30
+ CWops Mini-CWT Test	0300Z-0400Z, Dec 31
+ Bogor Old and New Contest	0900Z-2359Z, Dec 31
+ RTTYOPS Weeksprint	1700Z-1900Z, Dec 31

"Let me get this straight:
You have thousands of
dollars of ham gear,
but you still can't
hear me calling you
from the kitchen?"



